Lustre Application Workshop Agenda
April 16, 2008

Morning Agenda
1)Topic: Application I/O lib with Lustre
  a) HDF5(a popular scientific I/O lib) with lustre.
  b) Lustre ADIO driver.
  c) Several ORNL applications(POP, flashIO, wrf-mode) analysis and improvements to I/O
2) Topic: How to optimize lustre I/O performance in application layer.
  a) Description about lustre I/O process. How does I/O work in a Lustre File System.
Similarities/Differences with other common file systems
  b) What you should avoid in your application I/O parts with lustre, and why, including practical examples

Lunch

Afternoon Agenda
3) Open Discussion about Lustre I/O with Scientific applications – please be prepared to describe your applications so that Lustre engineers can offer possible methods for improving performance.

4) Open Discussion to discuss possible future application IO needs – audience to describe what they see for future application needs in regards to Lustre